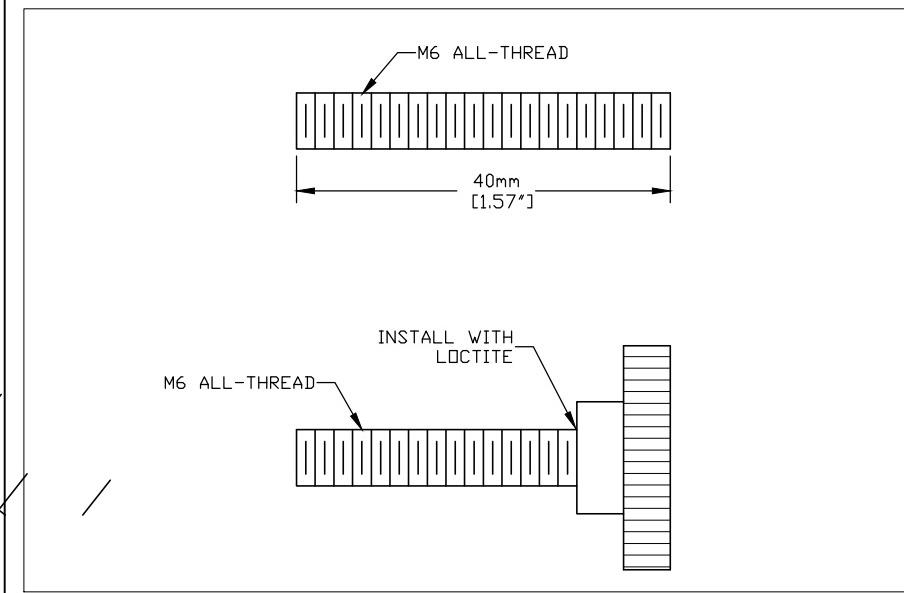
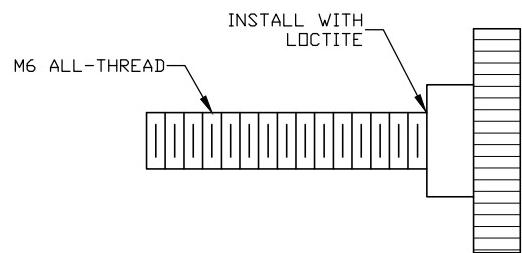
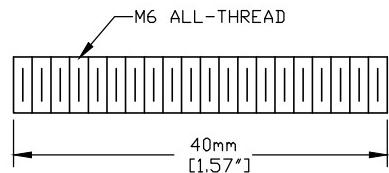
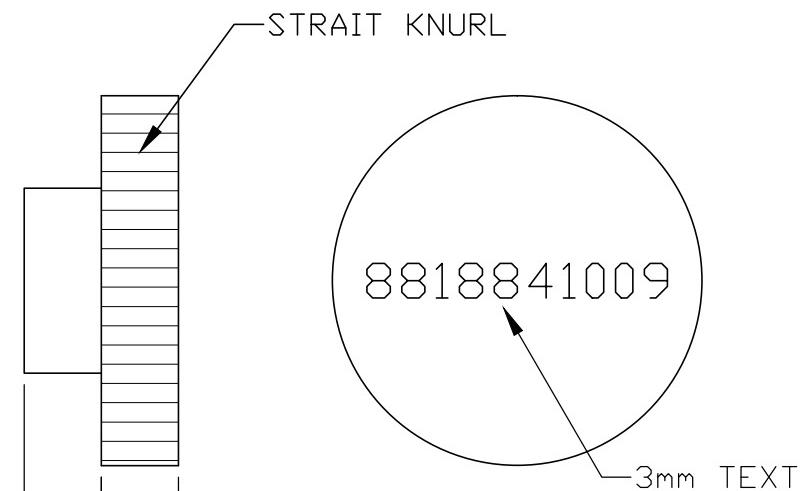
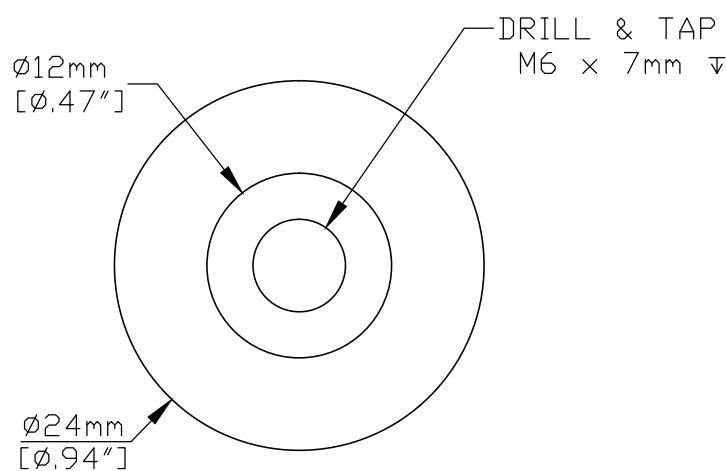


| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | APPROVE |
| | | | |



DRAWN BY: COLE
APPROVED
HEAT TREAT
FINISH SPEC BLACK OXIDE

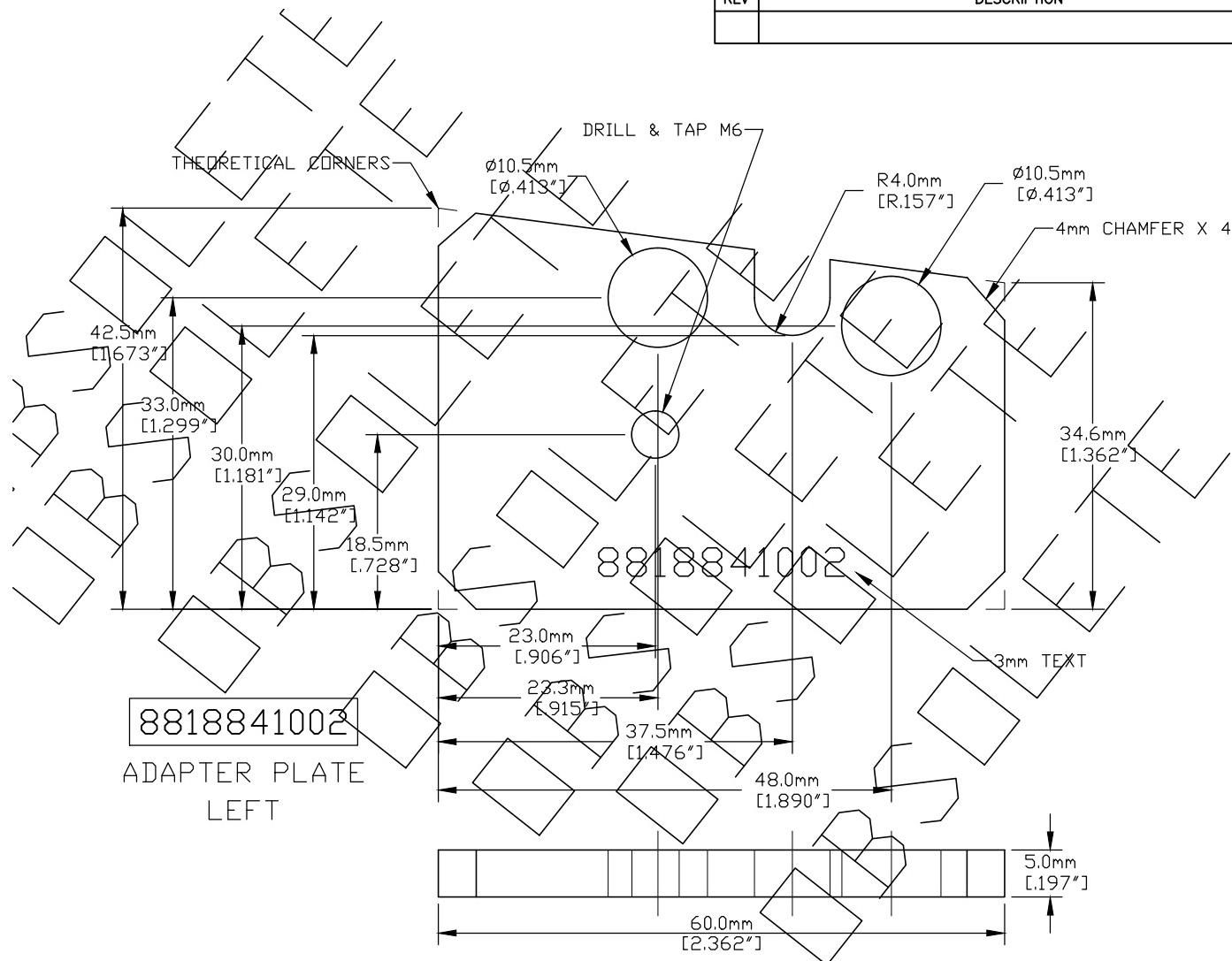
TOLERANCES ON:
DECIMALS .XXX ± .010 FRACTIONS ± 1/32
.XX ± .03 ANGLES ± .5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 X 45° PR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE

THUMB SCREW

DWG NO. 8818841000 RI
SCALE NTS DATE 12-19-02 SHEET 1 of 1

| REVISIONS | | | |
|-----------|-------------|------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| | | | |



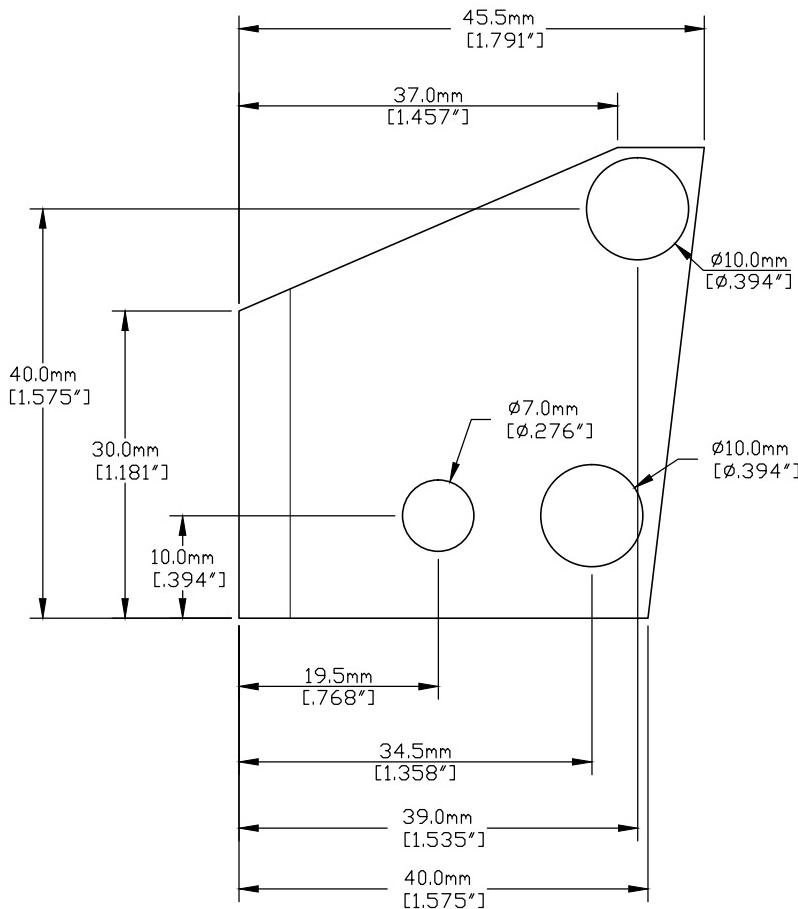
| PART # | QTY | DESCRIPTION |
|------------|-----|--|
| 8818841002 | 1 | ADAPTER PLATE - 5mm STEEL x 42mm x 60mm (3/16 x 1 3/4 x 2 3/8) |
| | | |

DRAWN BY: COLE
APPROVED
HEAT TREAT
FINISH SPEC BLACK OXIDE
TOLERANCES ON:
DECIMALS .XXX ± .010 FRACTIONS ± 1/32
.XX ± .03 ANGLES ± 5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 × 45° PR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE ADAPTER PLATE - LEF
DWG NO. 8818841000 RI
SCALE NTS DATE 1-22-03 SHEET 2 of 1

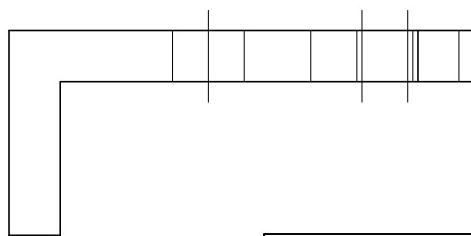
REVISIONS

| REV | DESCRIPTION | DATE | APPROVE |
|-----|-------------|------|---------|
| | | | |



8818841004

LEFT SIDE



| PART # | QTY | DESCRIPTION |
|------------|-----|-------------------------------------|
| 8818841004 | 1 | STEEL ANGLE- 46mm x 5mm WALL x 50mm |
| | | |

DRAWN BY:

COLE

APPROVED

HEAT

TREAT

FINISH

SPEC



RED BARN MACHINE

TITLE

LEFT SIDE ANGLE

DWG NO.

8818841000

RI

TOLERANCES ON:
 DECIMALS .XXX ± .010 FRACTIONS ± 1/32
 XX ± .03 ANGLES ± .5°
 X ± .1

UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 .015 x 45° PR .015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

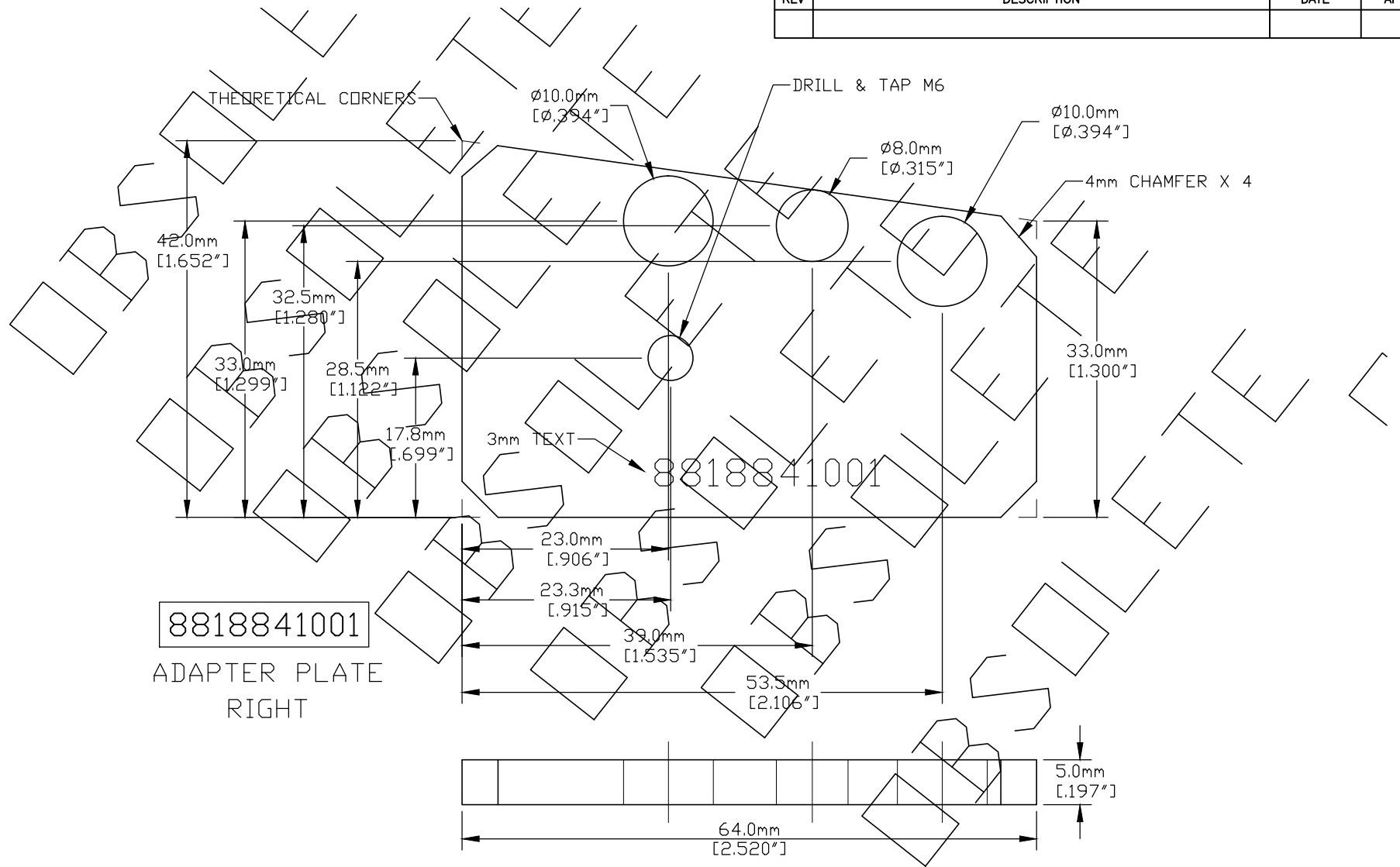
SCALE

NTS

DATE 12-23-02

SHEET 3 of 1

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | APPROVE |
| | | | |

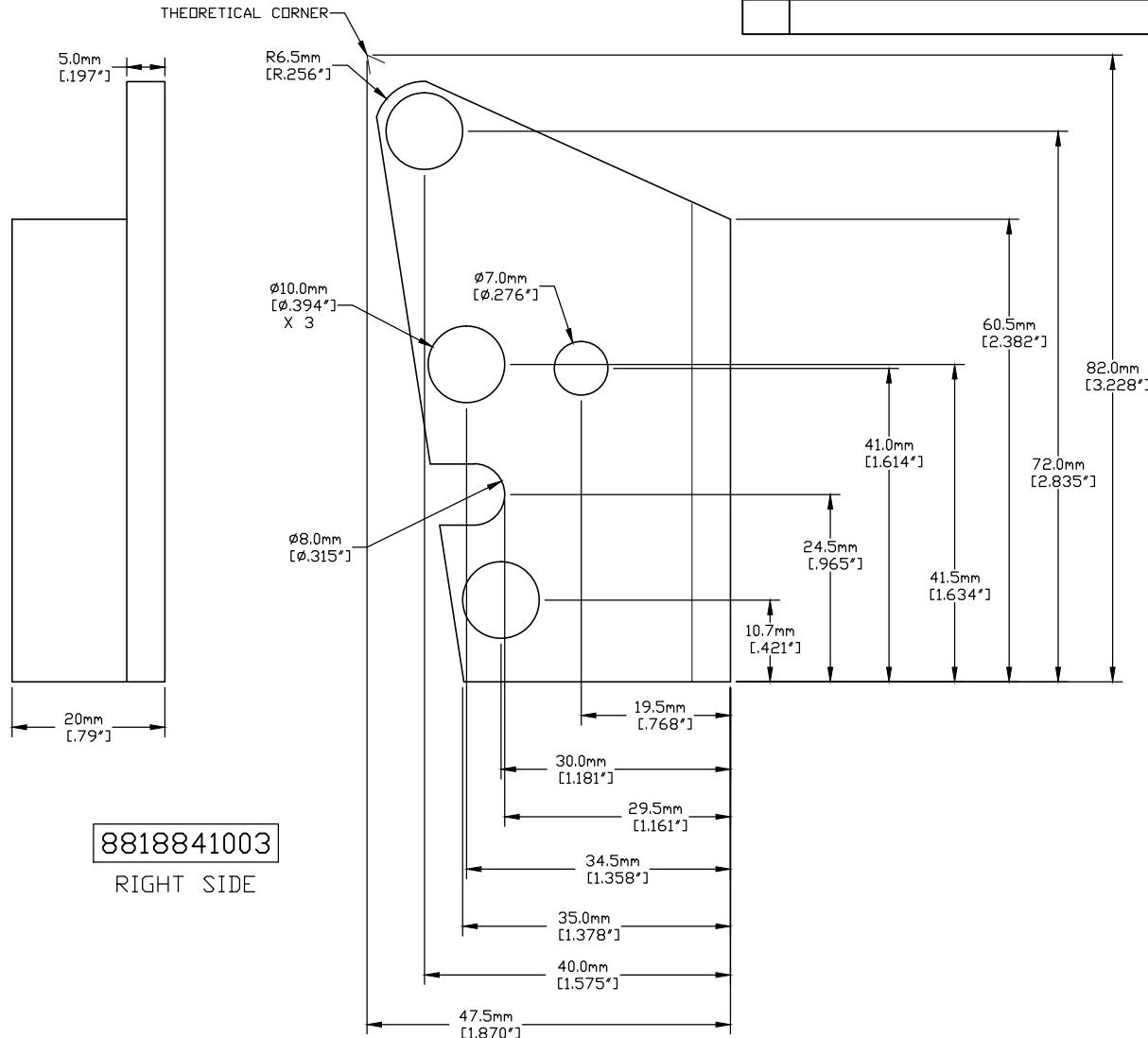


| PART # | QTY | DESCRIPTION |
|------------|-----|---|
| 8818841001 | 1 | ADAPTER PLATE - 5mm STEEL x 42mm x 64mm (3/16" x 1 3/4" x 2 5/8") |
| | | |

DRAWN BY: COLE
APPROVED
HEAT TREAT
FINISH SPEC: BLACK OXIDE
TOLERANCES ON:
DECIMALS .XXX ± .010 FRACTIONS ± 1/32
.XX ± .03 ANGLES ± .5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 X 45° PR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

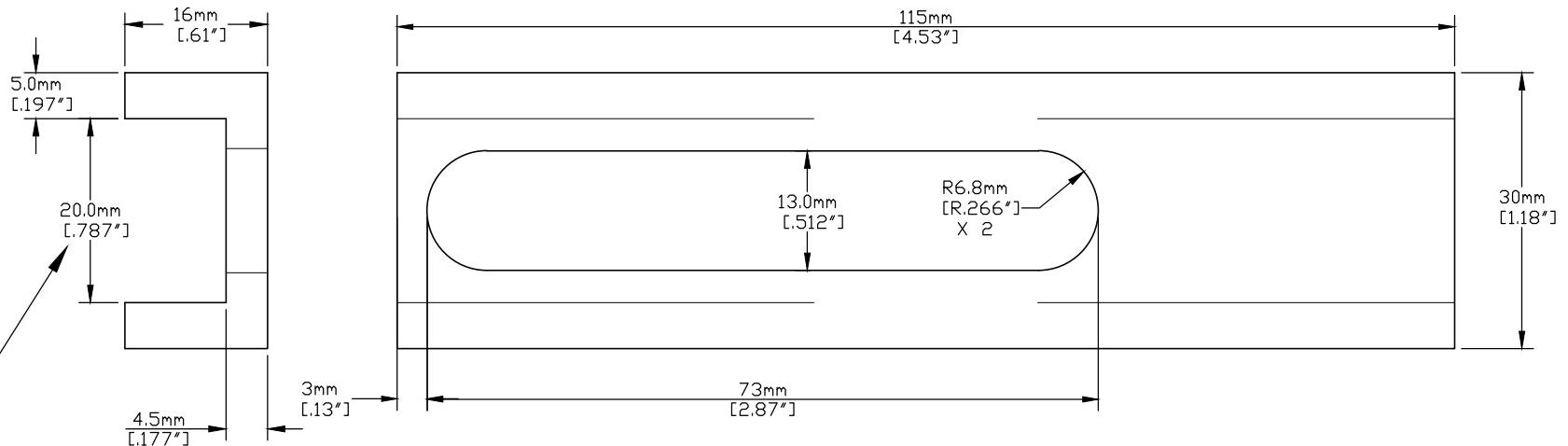
RB RED BARN MACHINE
TITLE ADAPTER PLATE - RIGHT
DWG NO. 8818841000 RI
SCALE NTS DATE 2-28-03 SHEET 4 of 1

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | APPROVE |
| | | | |



| | | | | |
|---|-------|--|------------------|--------|
| DRAWN BY: | COLE | TITLE | RED BARN MACHINE | |
| APPROVED | | | | |
| HEAT TREAT | | | | |
| FINISH SPEC | | | | |
| USED ON MODEL | ARIEL | | | |
| TOLERANCES ON: DECIMALS .XXX ± .010 FRACTIONS ± 1/32 .XX ± .03 ANGLES ± .5° X ± .1 | | | | |
| UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 X 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | DWG NO. | 8818841000 RI | |
| PART # | QTY | DESCRIPTION | SCALE | NTS |
| 8818841003 | 1 | STEEL ANGLE- 3/16" x 1" x 2" x 3 1/4" LONG | DATE | 2-6-03 |
| | | | SHEET | 5 of 1 |

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | APPROVE |
| | | | |



HEX BOLT FOR EYE NUT
MUST FIT IN CHANNEL
AND NOT ROTATE

8818841007

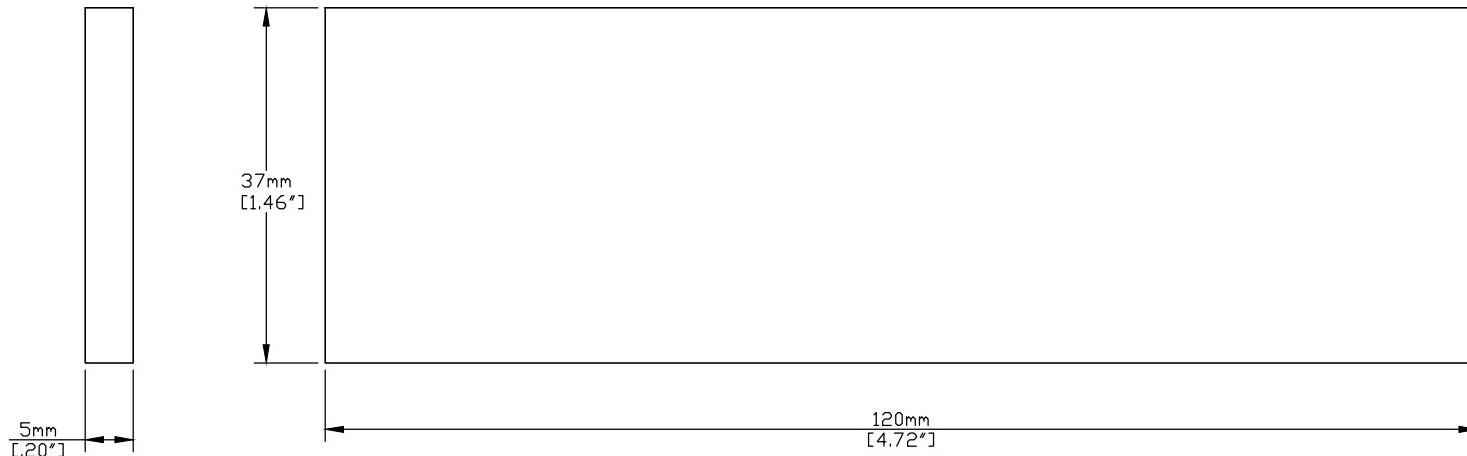
LEVELER

| PART # | QTY | DESCRIPTION |
|------------|-----|---|
| 8818841007 | 1 | STEEL CHANNEL - 4.5mm WALL x 30mm x 115mm LONG [3/16" WALL x 1 3/16" x 4 9/16"] |
| | | |

| | |
|---|----------------------|
| DRAWN BY: | COLE |
| APPROVED | |
| HEAT TREAT | |
| FINISH SPEC | |
| TOLERANCES ON: | |
| DECIMALS | FRACTIONS \pm 1/32 |
| .XXX \pm .010 | |
| .XX \pm .03 | ANGLES \pm .5° |
| X \pm .1 | |
| UNLESS OTHERWISE SPECIFIED | |
| 1. BREAK ALL SHARP EDGES | |
| .015 \times 45° PR .015 R | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |

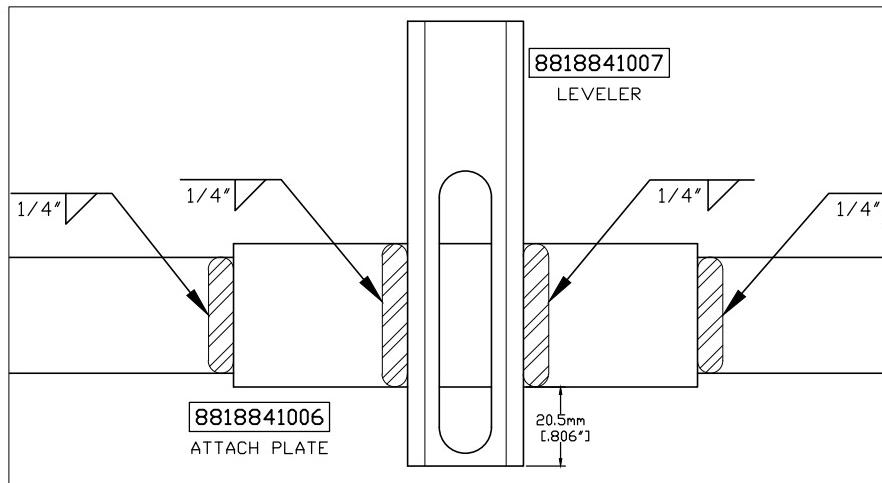
RB RED BARN MACHINE
TITLE
DWG NO. 8818841000 RI
SCALE NTS DATE 2-14-03 SHEET 6 of 1

| REVISIONS | | | |
|-----------|-------------|------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| | | | |



8818841006

ATTACH PLATE

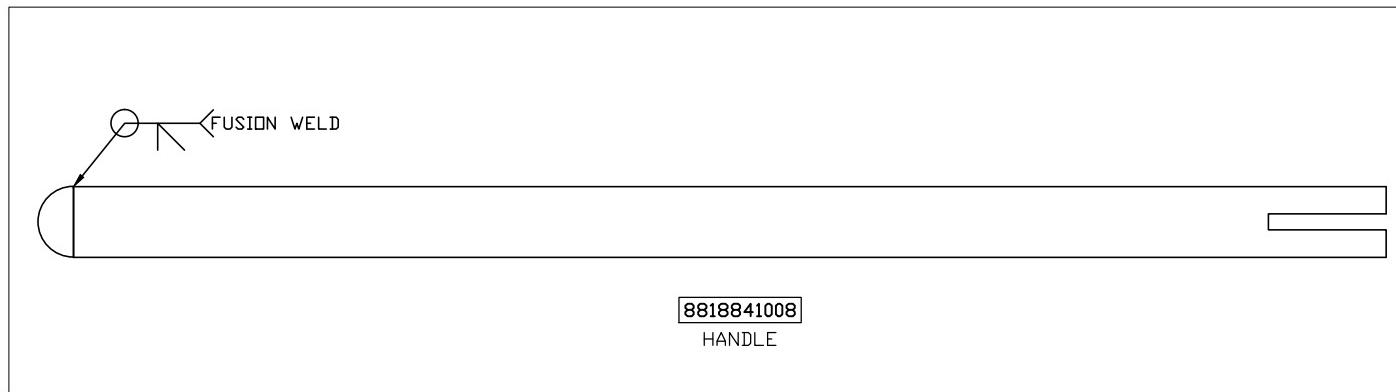
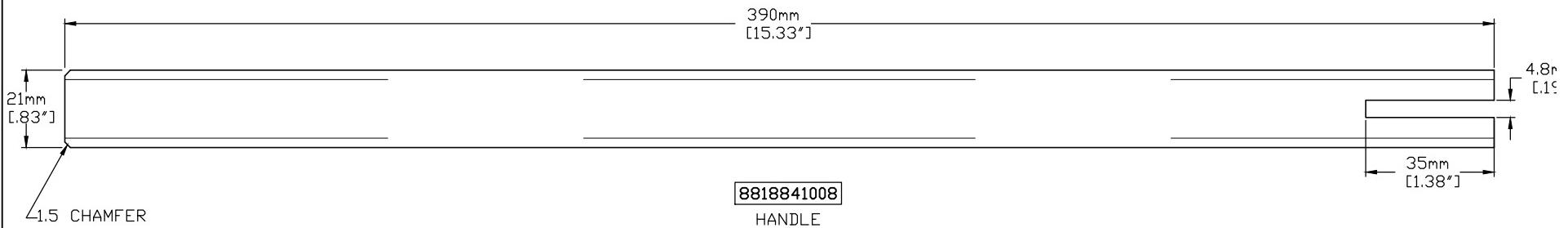


| PART # | QTY | DESCRIPTION |
|------------|-----|---|
| 8818841006 | 1 | STEEL - 37mm x 5mm x 120mm LONG [3/16" x 1 1/2" x 4 3/4"] |
| | | |

DRAWN BY: COLE
APPROVED
HEAT TREAT
FINISH SPEC
TOLERANCES ON:
DECIMALS .XXX ± .010 FRACTIONS ± 1/32
.XX ± .03 ANGLES ± .5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 X 45° PR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RB RED BARN MACHINE
TITLE
DWG NO. 8818841000 RI
SCALE NTS DATE 1-22-03 SHEET 7 of 1

| REVISIONS | | | |
|-----------|-------------|------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| | | | |



| PART # | QTY | DESCRIPTION |
|------------|-----|---|
| 8818841008 | 1 | HANDLE - STEEL PIPE- Ø21mm x 2.5mm WALL x 390mm |
| 8818841010 | 1 | END CAP |

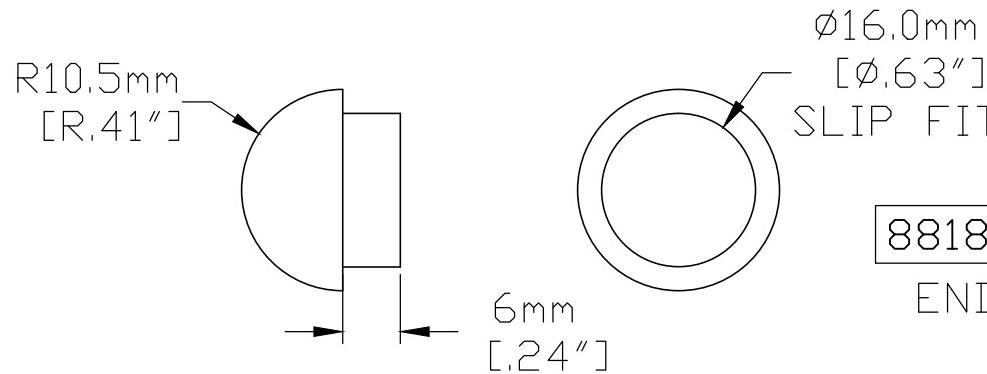
| | |
|---|------------------|
| DRAWN BY: | COLE |
| APPROVED | |
| HEAT TREAT | |
| FINISH SPEC | |
| TOLERANCES ON: | |
| DECIMALS | |
| .XXX ± .010 | FRACTIONS ± 1/32 |
| .XX ± .03 | ANGLES ± .5° |
| X ± .1 | |
| UNLESS OTHERWISE SPECIFIED | |
| 1. BREAK ALL SHARP EDGES | |
| .015 x 45° PR .015 R | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |

RB RED BARN MACHINE
HANDLE

DWG NO. 8818841000 RI

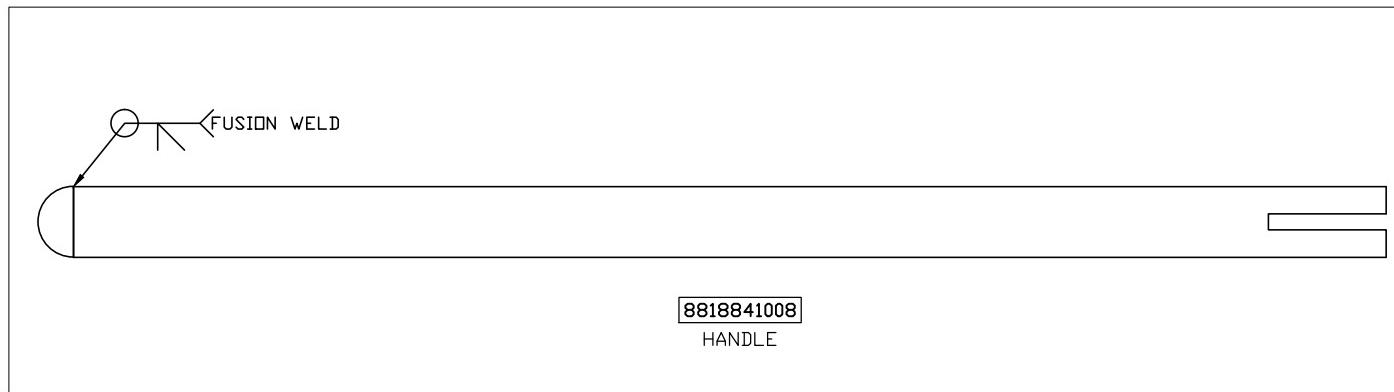
SCALE NTS DATE 2-28-03 SHEET 8 of 1

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | APPROVE |
| | | | |



8818841010

END CAP

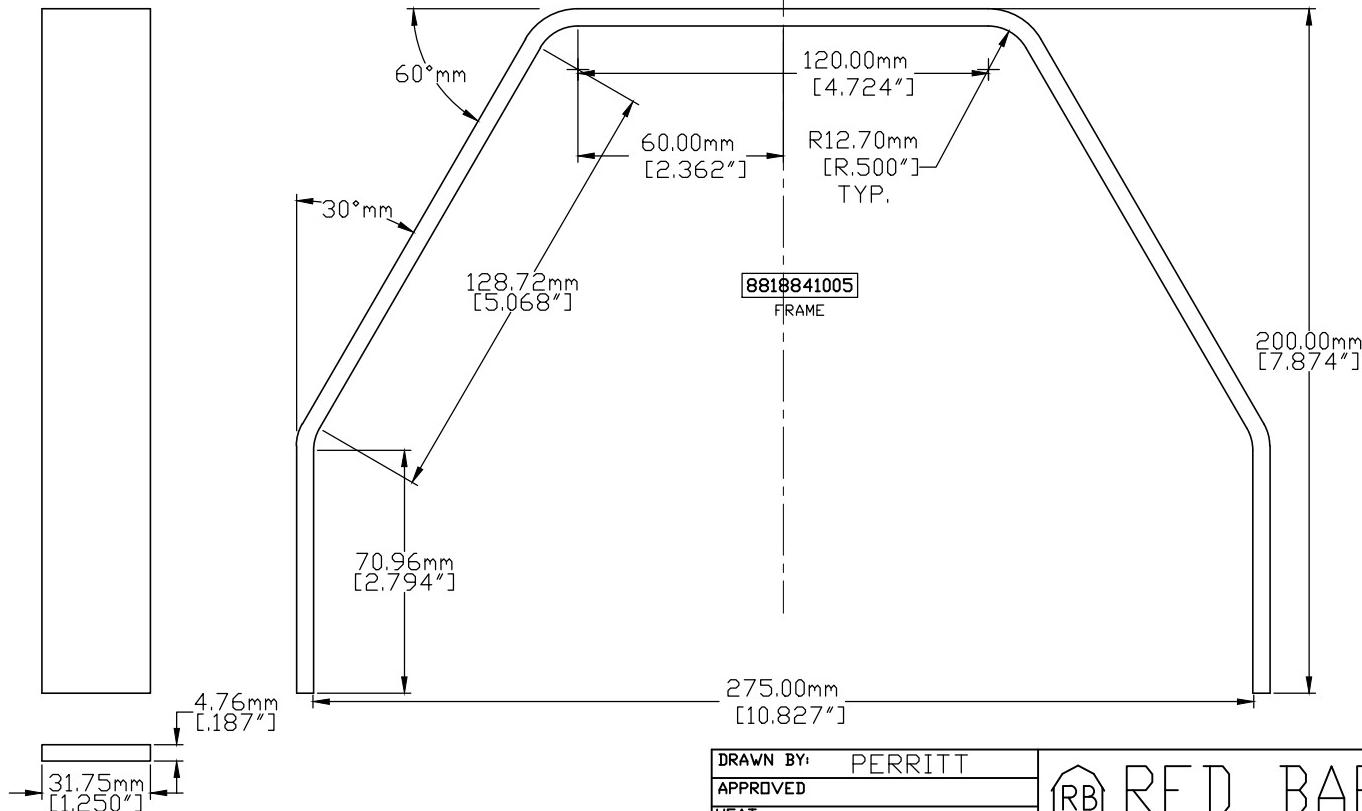
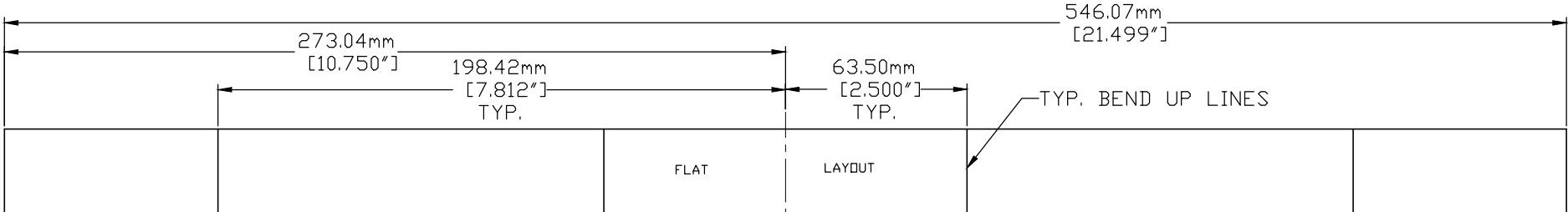


| PART # | QTY | DESCRIPTION |
|------------|-----|----------------------------------|
| 8818841008 | 1 | HANDLE |
| 8818841010 | 1 | END CAP - STEEL - Ø21mm x 16.5mm |

| | |
|---|------------------|
| DRAWN BY: | COLE |
| APPROVED | |
| HEAT TREAT | |
| FINISH SPEC | |
| TOLERANCES ON: | |
| DECIMALS | |
| .XXX ± .010 | FRACTIONS ± 1/32 |
| .XX ± .03 | ANGLES ± 5° |
| X ± .1 | |
| UNLESS OTHERWISE SPECIFIED | |
| 1. BREAK ALL SHARP EDGES | |
| .015 X 45° PR .015 R | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |

RB RED BARN MACHINE
TITLE
DWG NO. 8818841000 RI
SCALE NTS DATE 2-28-03 SHEET 8 of 1

| REVISIONS | | | |
|-----------|-------------|------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| | | | |



| | |
|--|---------------------------------|
| DRAWN BY: | PERRITT |
| APPROVED | |
| HEAT TREAT | |
| FINISH SPEC | |
| TOLERANCES ON: DECIMALS XXX ± .010 XX ± .03 X ± .1 | FRACTIONS ± 1/32 ANGLES ± 5° |

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
0.015 X 45° PR 0.015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING



RED BARN MACHINE

FRAME

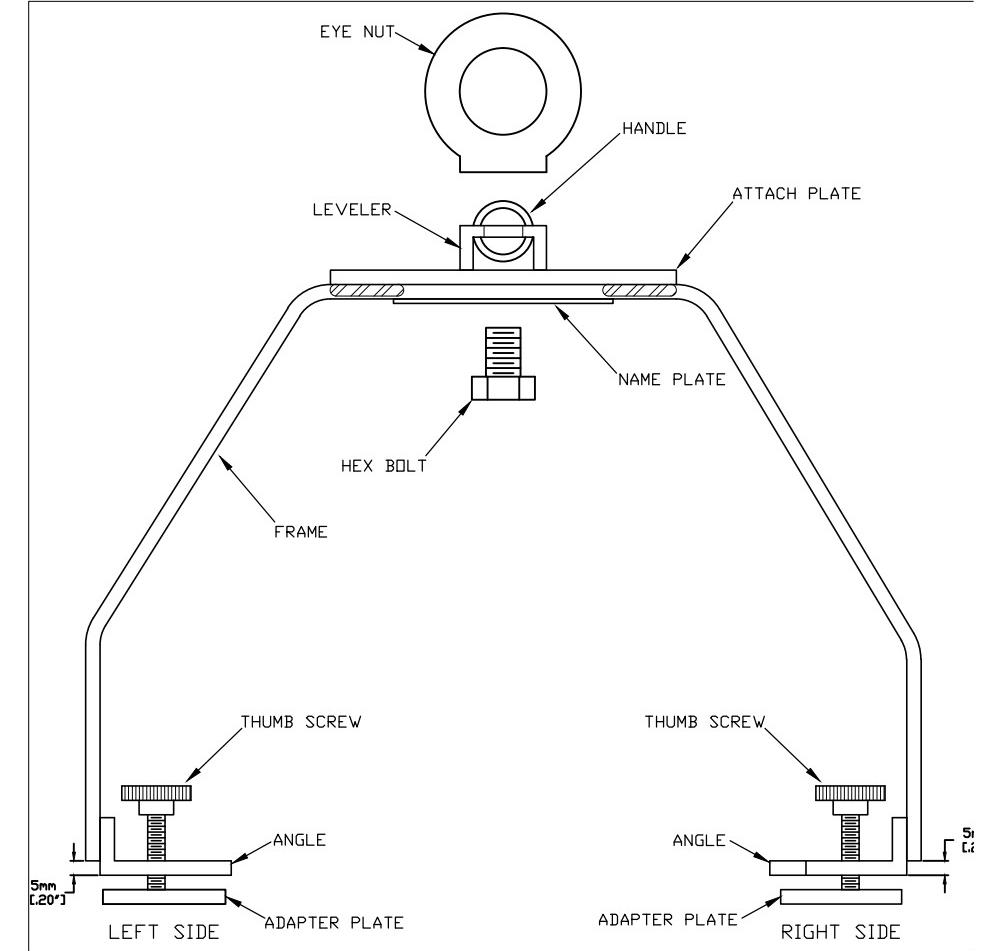
8818841000

REV

| PART # | QTY | DESCRIPTION |
|------------|-----|--|
| 8818841005 | 1 | FRAME - 30mm x 5mm x 575mm [1 3/16" x 3/16" x 22 5/8"] |
| BO | 1 | FORGED EYE NUT - M12 x 1.75 (Mc-CARR #3112T14 or EQUIV.) |
| BO | 1 | HEX BOLT - M12 x 1.75 x 20mm CLASS 8.8 OR BETTER |

DWG NO. 8818841000 SCALE NTS DATE 12-24-02 SHEET 9 of 10

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | APPROVE |
| | | | |



8818841008
HANDLE

76mm [3.0"]
19mm [.7"]
°8818841000°
NAME PLATE
BRASS

8818841007
LEVELER

8818841004
LEFT SIDE
ATTACH PLATE
8818841006
RIGHT SIDE
ATTACH PLATE
8818841003
RIGHT SIDE

POWDER COAT YELLOW

DRAWN BY: COLE

APPROVED

HEAT TREAT

FINISH

SPEC

TOLERANCES ON:

DECIMALS

.XXX ± .010

.XX ± .03

X ± .1

FRACTIONS ± 1/32

ANGLES ± .5°

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES

.015 x 45° PR .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING



RED BARN MACHINE

ASSEMBLY

8818841000

R1

TITLE

DWG NO.

SCALE

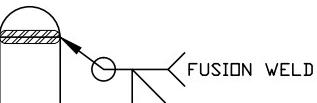
DATE

NTS

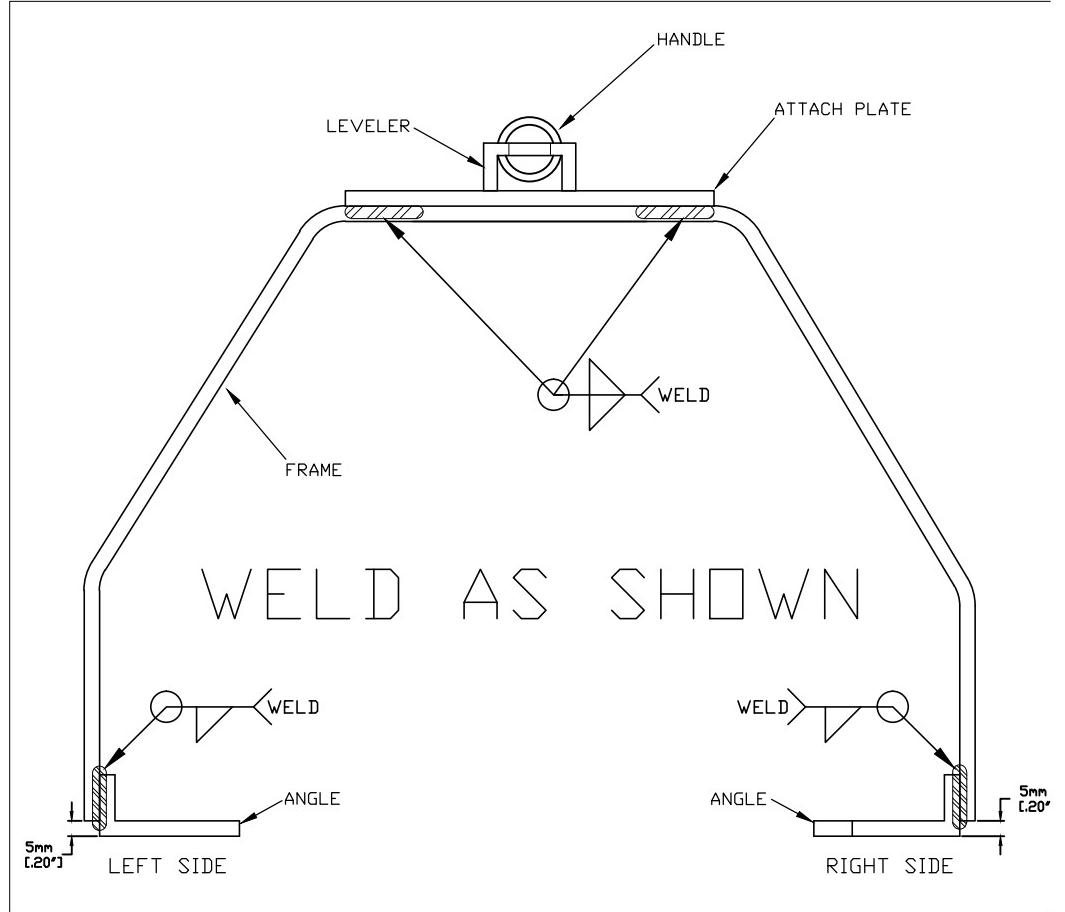
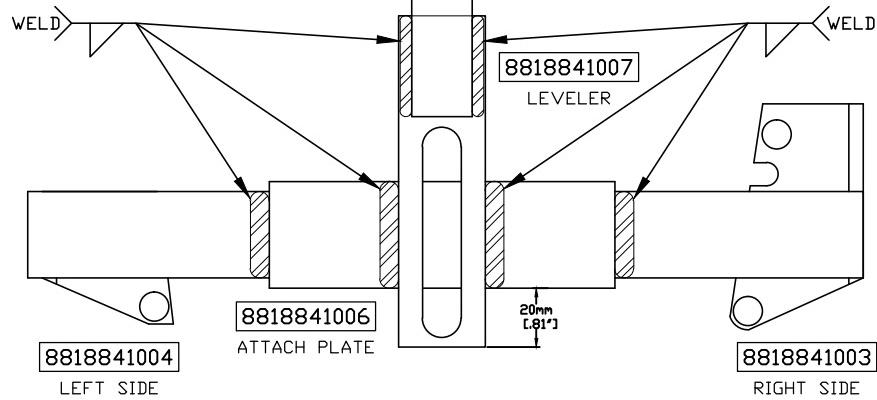
2-28-03

10 of 1

| REVISIONS | | | |
|-----------|-------------|------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| | | | |



8818841008
HANDLE



DRAWN BY: COLE
APPROVED
HEAT TREAT
FINISH SPEC
TOLERANCES ON:
DECIMALS .XXX ± .010 FRACTIONS ± 1/32
.XX ± .03 ANGLES ± .5°
X ± .1
UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 X 45° PR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING



RED BARN MACHINE

TITLE

WELD - ASSEMBLY

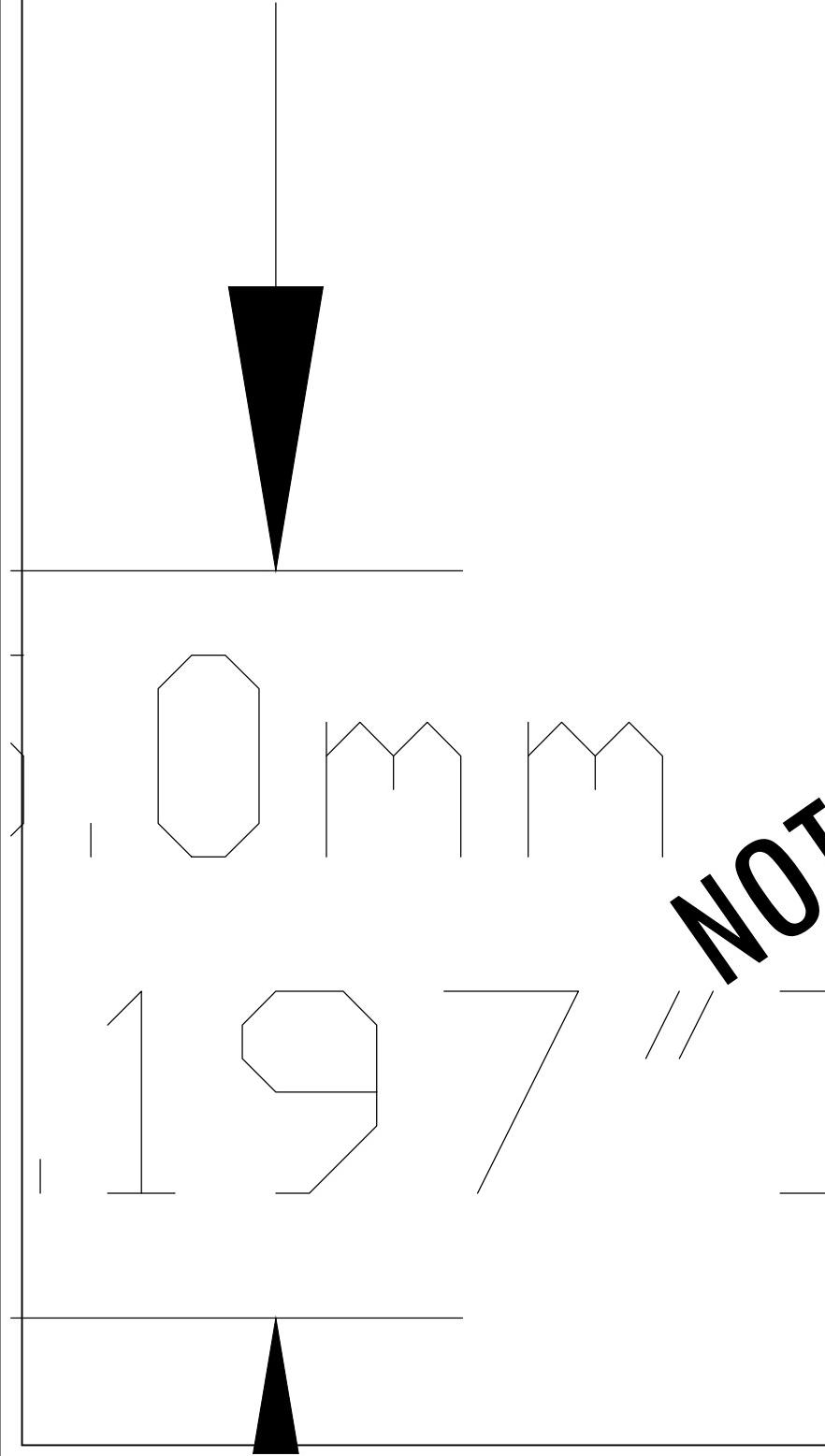
8818841000

R1

SCALE NTS DATE 9-22-04 SHEET 11 of 1

| REVISIONS | | | |
|-----------|-------------|------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| | | | |

NOT APPROVED FOR PRODUCTION



| | | | |
|----------------|--|-----|-----------------------|
| DRAWN BY: COLE | PART # | QTY | DESCRIPTION |
| CHECKED | -1 | 1 | 4140 3/16 x 1 1/2 x 4 |
| HEAT TREAT | | | |
| FINISH SPEC | | | |
| USED ON MODEL | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .010 FRACTIONS ± 1/32 XX ± .03 ANGLES ± 5° X ± .1 | | |
| ? | 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | |
| TITLE | RED BARN MACHINE | | |
| DWG NO. | TITLE | | |
| SCALE NTS | PART # REV. | | |
| DATE 4-18-02 | | | SHEET 1 of 1 |